

Title (en)

METHOD AND APPARATUS FOR GLOSSING SHEETS

Publication

**EP 0329439 A3 19901122 (EN)**

Application

**EP 89301487 A 19890216**

Priority

US 15579588 A 19880216

Abstract (en)

[origin: EP0329439A2] A sheet has a thermoplastic resin on the surface thereof. The thermoplastic resin is capable of forming a film which imparts gloss upon the application of heat. The sheet is fed to a support station resin side up. Air is blown through heating elements and through an opening (openings) located across the width of the sheet on to the sheet at the support station. The hot air is recirculated.

IPC 1-7

**G03F 7/00**

IPC 8 full level

**B41M 5/124** (2006.01); **B32B 27/00** (2006.01); **B32B 43/00** (2006.01); **G03F 7/00** (2006.01)

CPC (source: EP KR US)

**G03F 7/0032** (2013.01 - EP US); **G03G 15/20** (2013.01 - KR)

Citation (search report)

- [Y] US 3583805 A 19710608 - TANAKA SUSUMU
- [Y] EP 0162664 A2 19851127 - MEAD CORP [US]
- [Y] US 3628860 A 19711221 - OGAWA MASAYA
- [YD] US 3857189 A 19741231 - KATAYAMA H, et al
- [YD] US 3517164 A 19700623 - HUGGINS RALPH T, et al
- [Y] PATENT ABSTRACTS OF JAPAN, vol. 6, no. 175 (P-141)[1053], 9th September 1982, page 108 P 141; & JP-A-57 092 359 (RICOH K.K.) 08-06-1982
- [A] RESEARCH DISCLOSURE, no. 276, April 1987, pages 213-214, article no. 27643, New York, US; THE MEAD CORP: "Forced convection heating apparatus for glossing"

Cited by

EP1248162A3; DE10211867B4; EP0353105A3; US5126781A

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0329439 A2 19890823; EP 0329439 A3 19901122; CN 1039315 A 19900131; JP 2643416 B2 19970820; JP H02147241 A 19900606; KR 900013356 A 19900905; US 5086209 A 19920204**

DOCDB simple family (application)

**EP 89301487 A 19890216; CN 89100819 A 19890216; JP 3731389 A 19890216; KR 890001668 A 19890214; US 15579588 A 19880216**